



**advanced FLOW engineering** Stage-2 Air Intake

**Instruction Manual** P/N: 51-12562 / 54-12562

Make: **Jeep** Model: **Grand Cherokee** Year: **1993-1998** Engine: **L6-4.0L**



- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support at 951-493-7100.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect the negative battery terminal before proceeding.

## Retain factory parts for future use.

Label	Qty.	Description	Part Number
A1	1	Air Filter (Pro DRY S)	21-35011 Grey Media
A2	1	Air Filter (Pro-5R)	24-35011 Blue Media
B	1	Tube	05-12562B1
C	1	Housing	05-12562B2
D	2	Clamp, 052 (2-13/16" - 3-3/34")	03-50008
E	1	Clamp, 044 (2-5/16" - 3-1/4")	03-50019
F	1	Isolation Mount, M6x1x1	03-50022
G	2	Nut, Hex: M6X1, Gr 8.8	03-50059
H	2	Washer, Flat: M6	03-50070
I	1	Seal, Trim: 3/4" (8 inches)	05-00007
J	1	Seal, Trim: 3/4" (14.5 inches)	05-00007
K	1	Hose, Fuel: 1/2" ID, Black (15 inches)	05-00027
L	1	Coupling, Elbow Reducer (3" x 2-1/2" ID)	05-01009
M	1	Hose, Fuel; 3/8" ID, Black (7 inches)	05-00110
N	1	Cap, Polyethylene: 3/8" OD	03-50119

Tools needed: 5/16" Nut Driver, Flat Head Screwdriver, 10mm socket or wrench, 12mm socket or wrench, ratchet with extension.




**Figure A**
**Refer to Figure A for Steps 1-3**

Step 1: Unclip the top portion of the factory air box. **①**

Step 2: Disconnect the vacuum line from the valve cover of the engine but keep the 90 degree fitting. (Disconnect the 3/8" vacuum line equipped on some vehicles). **②**

Step 3: Remove stock intake by pulling back the clamp clip on the throttle body side. Then remove intake top portion of the stock housing. **③**



Figure B

**Refer to Figure B for Steps 4-5**

Step 4: Remove lower portion of stock air box by removing the 3 bolts. **(Note when removing the 3 bolts, make sure you do not lose the 3 corresponding nuts that mount under fender well) because they will be re-used later.** ④

Step 5: Remove scoop from lower portion of air box; pry carefully to remove. Then remove lower portion of air box by lifting upwards towards you. ⑤



Figure C

**Refer to Figure C for Steps 6-8**

Step 6: Remove the stock grommets from the lower portion of the air box and re-use on the aFe housing.

Step 7: Install seal trim on the edges of the aFe housing.

Step 8: Install ISO mount with hardware that was provided.

**Figure D****Refer to Figure D for Steps 9-13**

Step 9: Remove temporarily the reservoir screw on the fender wall of the vehicle. ⑥

Step 10: Install the aFe housing on the vehicle.

Step 11: Re-install the stock hardware to the aFe housing.

Step 12: Install the aFe reducer coupling with provided hardware (do not tighten clamps).

Step 13: Install the new vacuum line. (If equipped, install the secondary 3/8" vacuum line).

**Figure E****Refer to Figure E for Steps 14-16**

Step 14: Install the aFe intake tube. (Line up intake tube with ISO mount for desired position).

Step 15: Install nut and washer onto aFe intake tube bracket to secure the intake to the housing.

Step 16: Install the vacuum line onto aFe intake tube. (Cap the 3/8" vent tube if not equipped in your application with the provided 3/8" cap). **7**



Figure F

**Refer to Figure F for Steps 17-18**

Step 17: Install aFe filter.

Step 18: Tighten all clamps and bolts.

**NOTE: Retighten all connections after approximately 100-200 miles.**

**Place the included CARB EO sticker on or near the device on a smooth, clean surface.**

**EO identification label is required to pass the smog inspection.**



Pro DRY S Air Filter



P/N: 21-35011

Pro 5R Air Filter



P/N: 24-35011

Pro DRY S Restore Kit



P/N: 90-59999

Blue Squeeze Restore Kit



P/N: 90-50501

Blue Aerosol Restore Kit



P/N: 90-50001

aFe Power Hat



P/N: 40-10083

To purchase any of the items above, view airflow charts, dyno graphs, photos, and video; please go to [aFepower.com](http://aFepower.com).

# Warranty

## General Terms:

- aFe warrants their products to be free from manufacturer's defects due to workmanship and material.
- This warranty applies only to the original purchaser of the product and is nontransferable.
- Proof of purchase of the aFe product is required for all warranty claims.
- Warranty is valid provided aFe instructions for installation and/or cleaning were properly followed.
- Proper maintenance with regular inspections of product is required to insure warranty coverage.
- Damage due to improper installation, abuse, unauthorized repair or alteration is not warranted.
- Incidental or consequential damages or cost, including installation and removal of part, incurred due to failure of aFe product is not covered under this warranty.
- All warranty is limited to the repair and/or replacement of the aFe part. To request Return Goods Authorization ("RGA"), email [RGA@afepower.com](mailto:RGA@afepower.com) or call (951)493-7100. Upon receipt of the RGA, you must return the product to the address provided in the RGA, freight prepaid and accompanied with a dated proof of purchase and the RGA. Upon receipt of the defective product and upon verification of proof of purchase, aFe will either repair or replace the defective product within a reasonable time, not to exceed thirty days.

<b>Product Category</b>	<b>P/N Prefix</b>	<b>Warranty duration</b>
Direct OE Replacement Filters	10, 11, 30, 31, 71, 73	Life of the vehicle
Racing Filters	18	1 year
Universal	21, 24, 72	2 years
Air Intake Systems	50, 51, 54, 55, 75	2 years
Exhaust Systems	49	2 years
Intercoolers & Intercooler Tubes	46-2	2 years
Intake Manifolds	46-1	2 years
Differential Cover	46-7	Life of the vehicle
Exhaust Manifolds	46	2 years
Throttle Body Spacers	46-3	2 years
Fluid Filters	44	90 days
Pre-Filters	28	2 years
Heavy Duty OE Replacement	70	2 years
PowerSports OE Replacement	81, 87	2 years
PowerSports Intake Systems	85	2 years

No other warranty expressed or implied applies nor is any person or advanced FLOW engineering authorized to assume any other warranty. Some States do not allow the exclusion or limitation of incidental or consequential damages or do not allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.



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